

खण्ड-A/ Section-A

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इस मार्ग में  
लिखना नहीं है।  
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- Q.1 You can't serve data on a hungry man's plate.  
आप किसी भूखे आदमी की थाली में डेटा नहीं परोस सकते।
- Q.2 AI is overcoming our mental limitation but not expanding our mental horizon.  
ए.आई. मनुष्य की मानसिक सीमाओं को नियंत्रित कर रहा है, किंतु मानसिक क्षितिज का विस्तार नहीं कर रहा है।
- Q.3 We are using environment for politics, not politics for environment.  
हम पर्यावरण का उपयोग राजनीति के लिए कर रहे हैं, न कि राजनीति का उपयोग पर्यावरण के लिए।
- Q.4 The worst form of inequality is to try to make unequal things equal.  
असमानता का सबसे बुरा रूप है असमान को समान बनाने का प्रयास।

AI IS OVERCOMING OUR MENTAL LIMITATION  
BUT NOT EXPANDING OUR MENTAL HORIZON

Computers may be smarter than humans, but  
I have not seen any computer to build the  
humans. Humans can build the computers - JACK MA.

during a robotic experiment in  
USA, it was checked the efficacy of  
weaponised robots to shoot the enemy at  
border. However, one more experiment was done  
to distinguish capability of robots between

Enemy human and friendly human. The robots performed very well with pin point shots at the enemy, however, failed miserably to distinguish between two persons, one of them was marked as enemy and another as friend. Robots shot both the persons.

This Experiment shows that these AI powered robots had the capability to perform highly precise tasks well beyond the mental ability but failed to achieve the human instincts and values.

In this Essay, we will try to explore  
How AI is overcoming our mental limitations  
in all spheres of our life? We shall  
analyze the limitations of AI in  
going beyond the mental horizon. At least,  
Expanding  
we will discuss the balanced approach to  
use AI in our life.

Artificial intelligence has capability to mimic the human behaviour and perform ~~at~~ the tasks with great Efficiency, efficiency and precision. AI has become the part of our life in this 21<sup>st</sup> Century. As the world Economic forum founder k. Schwab <sup>rightly</sup> says - Artificial intelligence will touch every aspect of human life.

The involvement of AI in our lives has increased tremendously since it has overcome our mental limitations. Humans although is the wisest creature made in the world yet has certain limitations. For instance the limitation of our eyes to see upto few microns and not below that level. Similarly our brain has processing capability which is limited in terms of speed and volume if we learn some extraordinary

minds like of Einstein and Great mathematician Ramanujam.

On the contrary, being mental limitation, humans has developed the machines which are going beyond the mental limitations. Earlier, we could not think of connecting with the persons sitting thousands of miles away but today it is an reality with the click of a mouse button. We can not only connect but interact and share the documents also. The AI enabled system tell us <sup>When</sup> where to attend a Zoom meeting and records the meeting as well.

However, these online connectedness and meetings have limitations; they follow the principles of data sharing, Anonymity and have mistrust between the parties which are certainly in contrast to the

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human values like openness, respect and honesty. These values are inscribed in our mental horizon but unfortunately we have not been able to inculcate them into Artificial Intelligence.

This is not something that is only related to the online connectivity or social media. Growing use of Artificial Intelligence in social services like health and education has also crossed our mental limitations. For instance, the ability of AI powered nano robots to do the targeted drug delivery in human body or be it to provide the remote lectures in a far-flung village through mobile apps. All these used to be a matter of dreams and vision but today it has been achieved through AI.

But, AI has been responsible for

Creating the divide in the society, In growing the inequalities between rich and poor, rural and urban. It does not discriminate between anyone. It is expensive for both rich and poor, however rich can afford it, but poor cannot, and AI has no reservations for poor strata or marginalised section of the society.

After examining the utility and limitation of AI into health and education, we may find there are also other areas like space and defence where it has breached mental limitations. Drones like kanakazi' drones which have self offensive capabilities and the weaponised robots to shoot the target precisely, certainly are beyond the human capability.

Similarly, AI powered human robot developed by ISRO will assess the suitability of human in space by sensing the

temperature, pressure and other parameters. However, it is void of any human instinct and feeling that human will experience in space. It is able to tell the physical or mechanical parameters but not the emotional ones.

Not only in space, but at ground AI has breached ~~the~~ mental limitations. AI powered drones are being used for agriculture applications such as pesticides sprayer and crop and soil analysis. They are also being used for delivery of parcels such as Amazon has started to deliver the packages through drones. But are these applications are full of human emotions or they are just loaded with intelligence.

We find that, Agriculture drones are smart enough to revolutionize the agriculture, to enable the precision Agriculture but they lack the emotional intelligence.

Equipped with high resolution cameras and GPS, they will deliver the parcel or spray the pesticides but the values like privacy or the equality <sup>ethics</sup> are supposed to be compromised.

Having discussed the ability of AI to go beyond human intelligence, but not able to expand our moral horizon, let us discuss the reason why it is not able to expand our mental horizon.

The devoidness of AI with feelings makes it brutal for everyone. We have created the machines that is precise for a task but lacks the affection and sensitivity.

As it is rightly mentioned by Martin Luther King Jr. that we have guided our missiles but misguided our men.

The tendency of hegemony, dominance

and influence of men over another men has resulted into breach of privacy, data stealing and other cyber crimes such as State sponsored cyber crimes.

The dominance over technology ~~but~~ by few countries like USA and European Union have increased the inequalities with respect to use and benefits of Artificial Intelligence. Today, AI is disrupting the labour market in developing countries and developed countries are benefitting out of it.

Moreover, AI providing more sophisticated ways to colonize over the poor and developing countries. For instance, the big companies like Google and Facebook have automation about every user that they can

use it to influence any domestic policy. This way it is exceeding our mental horizon.

Any technology like AI need to be harnessed for human development, ~~therefore~~, <sup>and</sup> to broaden the mental horizon of humans is integral part of human development.

The inclusive and equitable use of AI technology will help to generate the equality and ~~for~~ fraternity in the society.

It will help to tackle the global issues like climate change provide countries leave their parochial interests.

It is very next to impossible to inculcate the human feelings in the machines however very much possible to broaden the horizon of mental ability through use of sustainable, equitable and inclusive

use of AI for marketing.

As Egon Muehl says that, AI has the ability to disrupt the human lives. But there are scopes that AI will lead to broaden the mental horizon if used responsibly, otherwise it is a technology which is made by human himself as "Jack Ma said"

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खण्ड-B / Section-B

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- Q.5 Existence is a science, living is an art.  
अस्तित्व एक विज्ञान है, जीना एक कला है।
- Q.6 If the truth shall kill them, let them die.  
यदि सत्य से किसी की मृत्यु होती है, तो उन्हें मरने दो।
- Q.7 The only way to go beyond things, is to go through them.  
हालातों से परे जाने का एकमात्र तरीका उनसे होकर गुजरना है।
- Q.8 Dream for the best. Be prepared for the worst. Enjoy life in between.  
सर्वश्रेष्ठ के लिए सपना देखें। सबसे बुरे के लिए तैयार रहें। इसके बीच के जीवन का आनंद लें।

THE ONLY WAY TO GO BEYOND THINGS,  
IS TO GO THROUGH THEM.

Post Independence, India after facing the  
brute of partition suffered with plethora of  
miseries like widespread poverty, diseases  
and most importantly the food insecurity.

The conditions or the things in India was  
not favourable to it for human development  
and becoming a prosperous nation.

However, these challenges

were not left unaddressed. The adequate interventions were taken by the India especially to tackle the food crisis. The introduction of high yield variety seeds and pledge to have the food grains made India self-reliant in food production within few years.

This saga of green revolution which made India self-reliant in food production happened because we, the India, understood the cause of problem i.e. low productivity and took corrective steps to address the problem. This is how, we need to go through the things or situation to go beyond the things.

This Essay aims to explore  
why it is necessary to go through the  
things to go beyond them? We will also see what are the challenges to go through the things and ways to overcome those challenges? (let us explore)

Things have existed in the world since time immemorial, however, they may or may not be in our favour always. If the conditions are natural or the nature made, then humans have less control on them, but, if the conditions are emerged as a result of human interventions then certainly they can be addressed by the human himself.

Today not only the India but the whole world is facing several challenges like climate change, Covid pandemic, cyber security risks, terrorism and growing conflicts between the societies. We are also witnessing the growing inequalities between men and women, rich and poor. These are some of the many things which humanity is facing today and needs intervention. These challenges

Can only be addressed by going through them and take the corrective steps. we may learn from the history that how going through the problems gives a solution to the problem:

In the year 1893, when the Mahatma Gandhi faced the discrimination in South Africa based on colour. He resolved to address the discrimination. He understood the very reason of discrimination through his visits, local assemblies and interaction with diaspora. Later, he practiced Passive Resistance and Satyagraha to fight the racial discrimination and same thing was applied in India by him to gain the independence from Britishers.

Not only in the history, but in present time also we find the similar instances. India has been able to lift 271 million poor out of the poverty as per

United Nations development report. This success by India was achieved through its consistent understanding of prevailing poverty and corrective steps like social welfare schemes such as MGNREGA and national food security act..

This is not only related to poverty it has other utilities also. Today India is celebrating its soft landing of Chandrayaan 3 on moon. This feat has been achieved because ISRO examined its failure during Chandrayaan 2. Failure of Chandrayaan 2 motivated scientists fraternity to go deep into the problems and come out with flying colours. Had the scientists ignored the issue at that time, today, this feat could not have been achieved.

Chandrayaan 3 mission has incredible

Contribution of women scientists. Today we see their Involvement in every field of the society. This contrast to the earlier time where they were confined to the households. India understood and experienced the issue of gender discrimination and women empowerment. By corrective measures like reservation in local government and social awareness campaigns, we have been able to deliver the justice to 50% of our population.

Having discussed the importance of go through the things to move beyond the things, let our turn our attention towards the challenges faced in going through the things.

The first and foremost thing which deters us to go through the things is our apathy. We show indifference towards any event or a misery if it is not pertained

to us. This leads to disastrous results. As it is rightly said that In a democracy, the apathy of a citizen is much more dangerous than the tyranny of an autocrat. We have the growing criminalisation of politics due to political apathy.

Similarly, even it pertains to us, we still deter to go beyond through it because we have lack of resources. The economic misery of a youth is hard to be addressed by him if he do not have the employment or entrepreneurship opportunities. We then consider it as a matter of fate.

But all what happens is not the fate. There lies several manmade evils like SATI, honour killings and child marriage which haunts our society. It is easier to address them if we go through them however we resort to religious sanctions and orthodoxies

which inspite of solving the problem aggravates the problem.

The challenges are many, however, human capability is beyond all challenges. In the way, let us try to understand in what ways we can address these challenges. What we require to address these challenges?

Firstly, it needs a positive mindset and attitude which motivates us to go through the things. It was the positive attitude of Malala Yousafzai who despite suffering the gunshot showed positivity towards girls education and became the youngest noble laureate. She went through the problem of girls education and found the way to address it.

Not only the positive mindset, but the courage and determination is also required.

Had the Nelson Mandela not shown the Courage and determination to go through the menace of apartheid in South Africa. The society could ~~not~~ never have been an equal society. He despite being locked up for 27 years fought with Courage and determination against apartheid.

Apart from the these qualities, one also needs the perseverance which for instance was shown by JK Rowling when she met the repeated failures in her life. Things could have gone out of control from her hands however she showed perseverance and became the best selling author for years. She went through this course of failures, analyzed them and brought good results.

Lastly, the resources mobilisation and Co-operation will help to go through the

things. Today world is facing global issues like climate change or terrorism. we need to co-operate and co-ordinate in order to tackle these menaces.

Sitting on a common platform, analyzing the effects and consequences of global menaces will give motivation to take a collaborative approach like UNFCCC or UNCTAD.

To conclude, it is necessary to go through the things to understand its cause, level and consequences. Today problems are many but need of the hour is go through those problems with the spirit of positive attitude, courage and determination.

It is the problem which gives us the solution. As it is said that, the answer of all questions is inherited in the very question. The only need to explore the

question with positivity and energy.

There is a light at the end  
of every tunnel, but need is to traverse  
through the tunnel to see the light. Similarly  
In our life we have to face the challenges  
to fight those challenges.

Today we are witnessing our Azadi ka  
Amrit Kaal - 'The era of elixir'. This Amrit Kaal  
is witness of India's ability and perseverance  
to face the continuous challenges be it poverty,  
Economic down turn or terrorism, however, today  
we stand strong and moving our head  
towards a developed economy by 2047. So,  
let us put all our might to face the challenges  
and build a inclusive and sustainable world.

" All should have strength to Grow  
All should have strength to develop  
All should have strength to flourish "

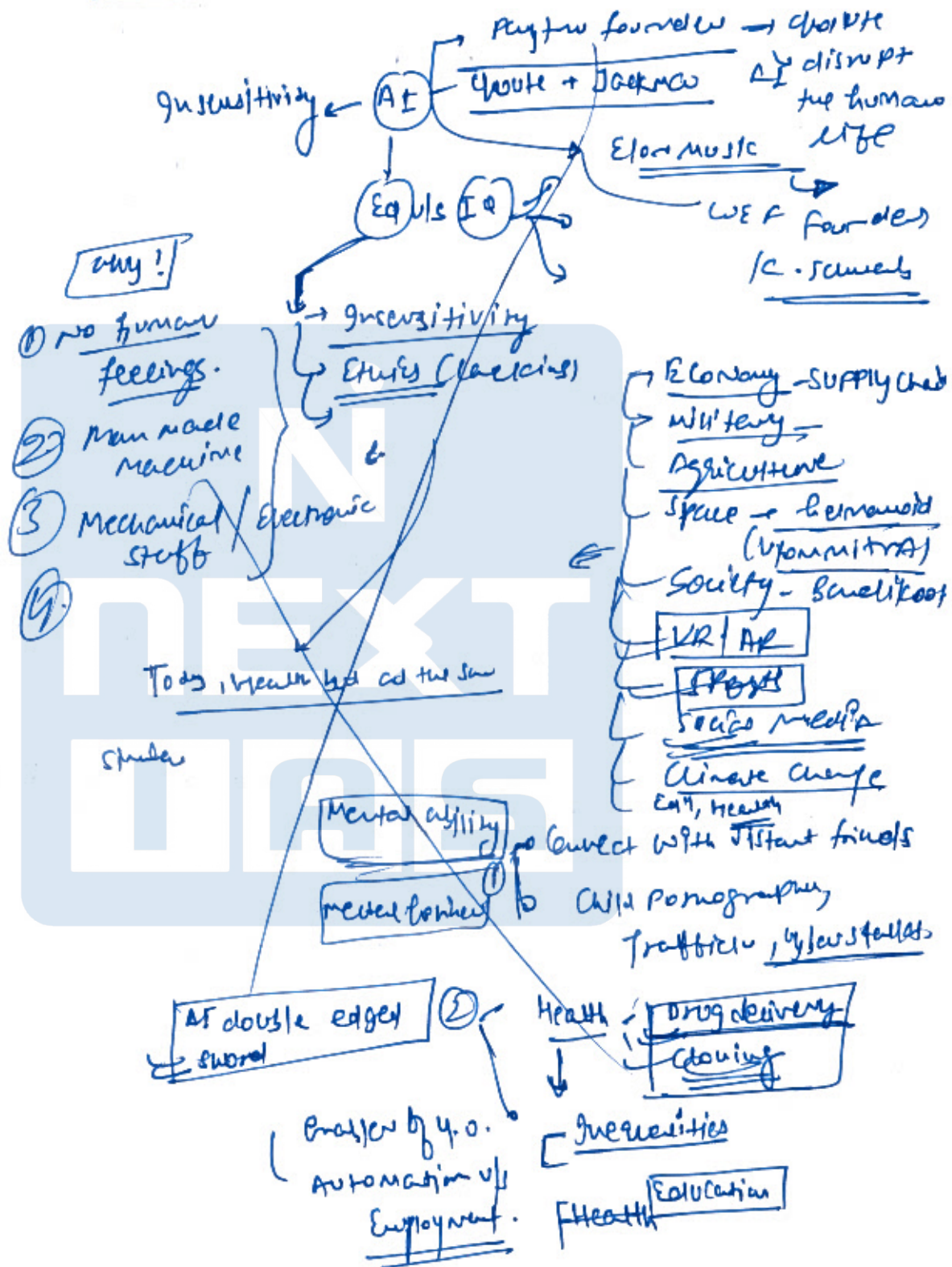
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### Space for Rough Work



## Space for Rough Work

The only way to go beyond things is to go through them.

⇒

Questions

① why <sup>bad</sup> things are there. are they

harms may or natural or man made? if they are manmade → Certainly man can solve them

② why it is need to go through them? How it helps?

③ what ~~are the~~ why people do not go?

④ what are the challenges?

⑤ How to overcome those challenges?

⑥ Is go beyond things is really the only way?

⑦ how to find reason for those harms?

things

climate change

Terrorism

Inequality

Social evil

Economy / poverty

Unjustice

Caste

failures

Gandhi → visited India, understood misery → solved it  
Mandela  
M. Luthan

Individual  
family  
society  
National  
International

Economy →  
Society →  
Political →  
S & T  
Art

Env. →

Sports

Culture

Legal

What it needs

Courage

Determination → Mandela

Persistence → J.K. Rowling

Attitude

EI

Humility

Poverty

1967 →

Intro ⇒